

4.2.E. 06010103070.

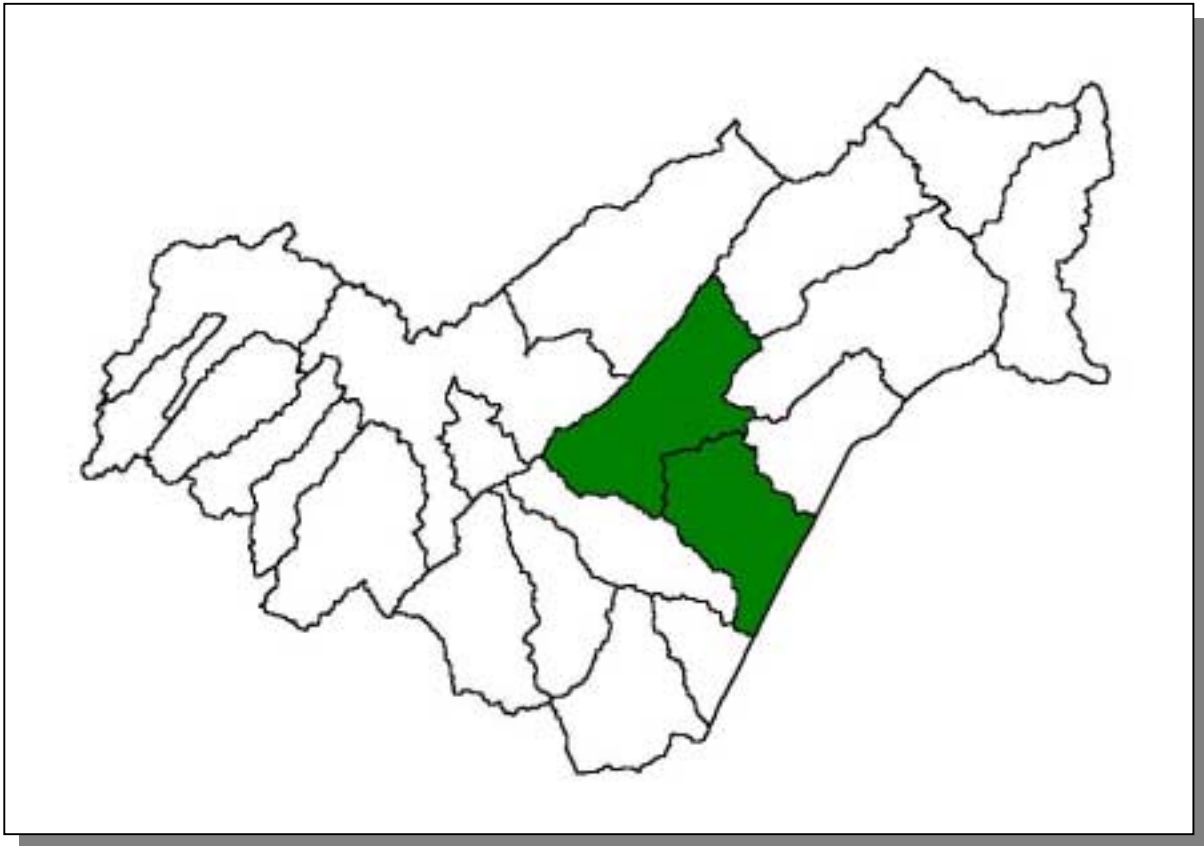


Figure 4-25. Location of Subwatershed 06010103070. All Watauga HUC-14 subwatershed boundaries are shown for reference.

4.2.E.i. General Description.

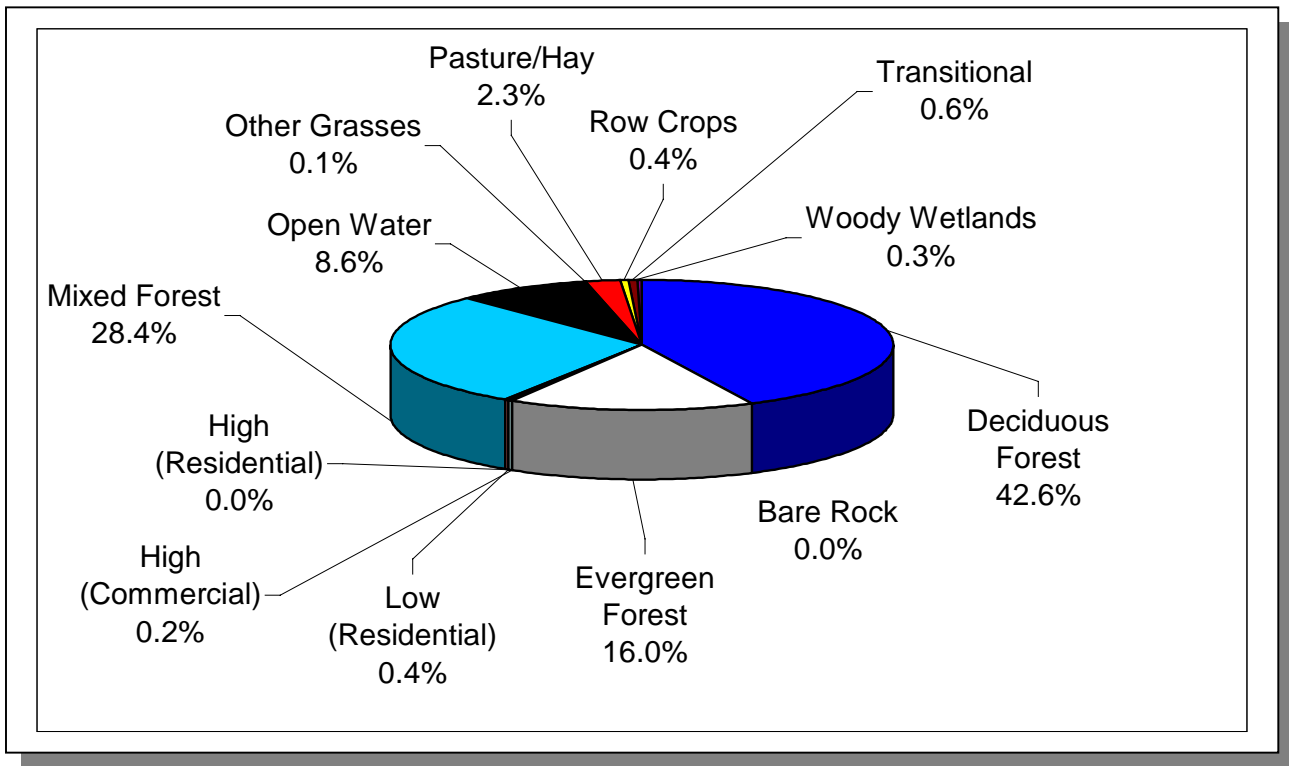


Figure 4-26. Land Use Distribution in Subwatershed 06010103070. More information is provided in Watauga-Appendix IV.

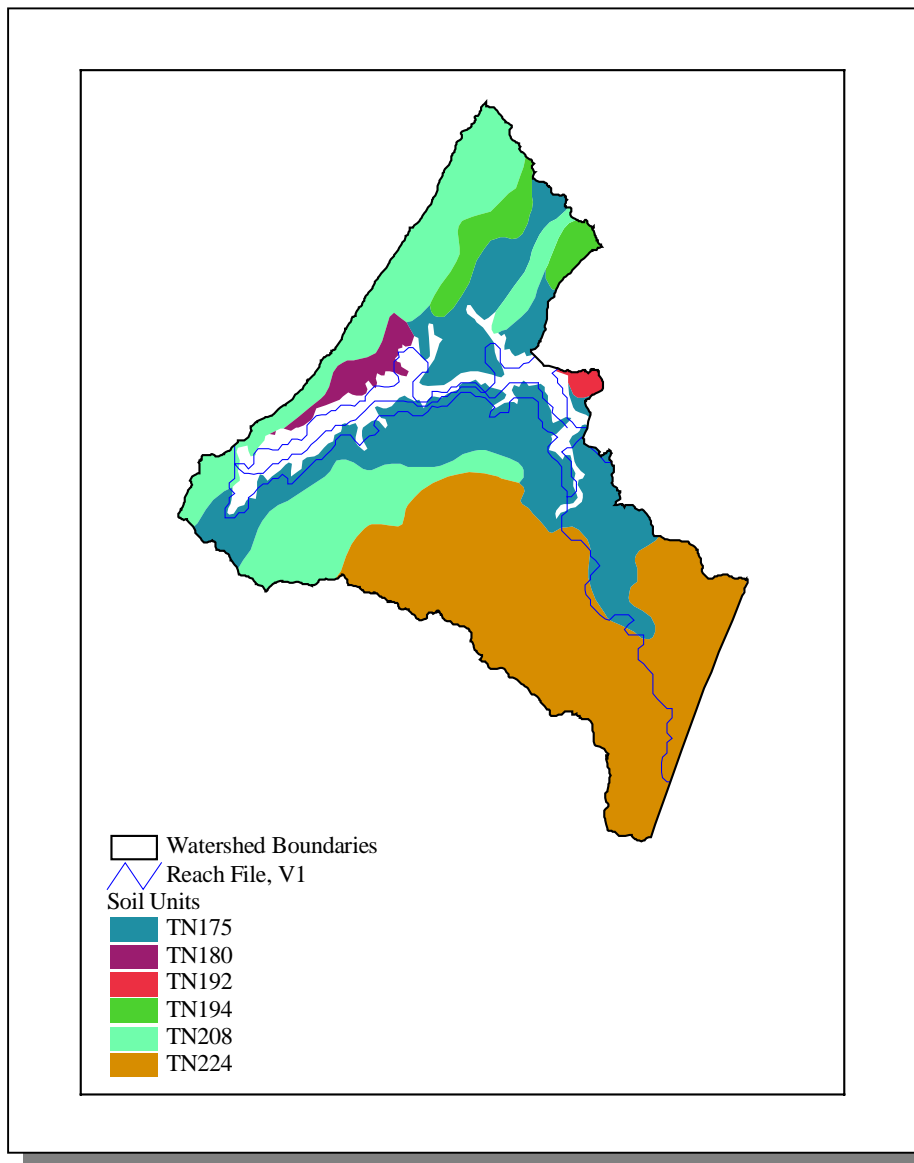


Figure 4-27. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 06010103070.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hr)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN175	0.00	B	1.49	5.23	Loam	0.30
TN180	0.00	B	1.71	4.97	Loam	0.28
TN192	0.00	B	2.72	4.41	Sandy Loam	0.27
TN194	0.00	B	3.75	5.44	Loam	0.28
TN208	0.00	C	4.02	4.84	Loam	0.25
TN224	1.00	B	3.97	5.27	Loam	0.24

Table 4-24. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 06010103070. More information is provided in Watauga-Appendix IV.

	COUNTY POPULATION			ESTIMATED POPULATION IN WATERSHED		% CHANGE
County Name	1990	1997 Est.	Portion of Watershed (%)	1990	1997	
Carter	51,505	53,132	16.87	8,690	8,964	3.2
Johnson	13,766	16,572	4.09	564	6,79	20.4
Totals	65,271	69,704		9,254	9,643	4.2

Table 4-25. Population Estimates in Subwatershed 06010103070.

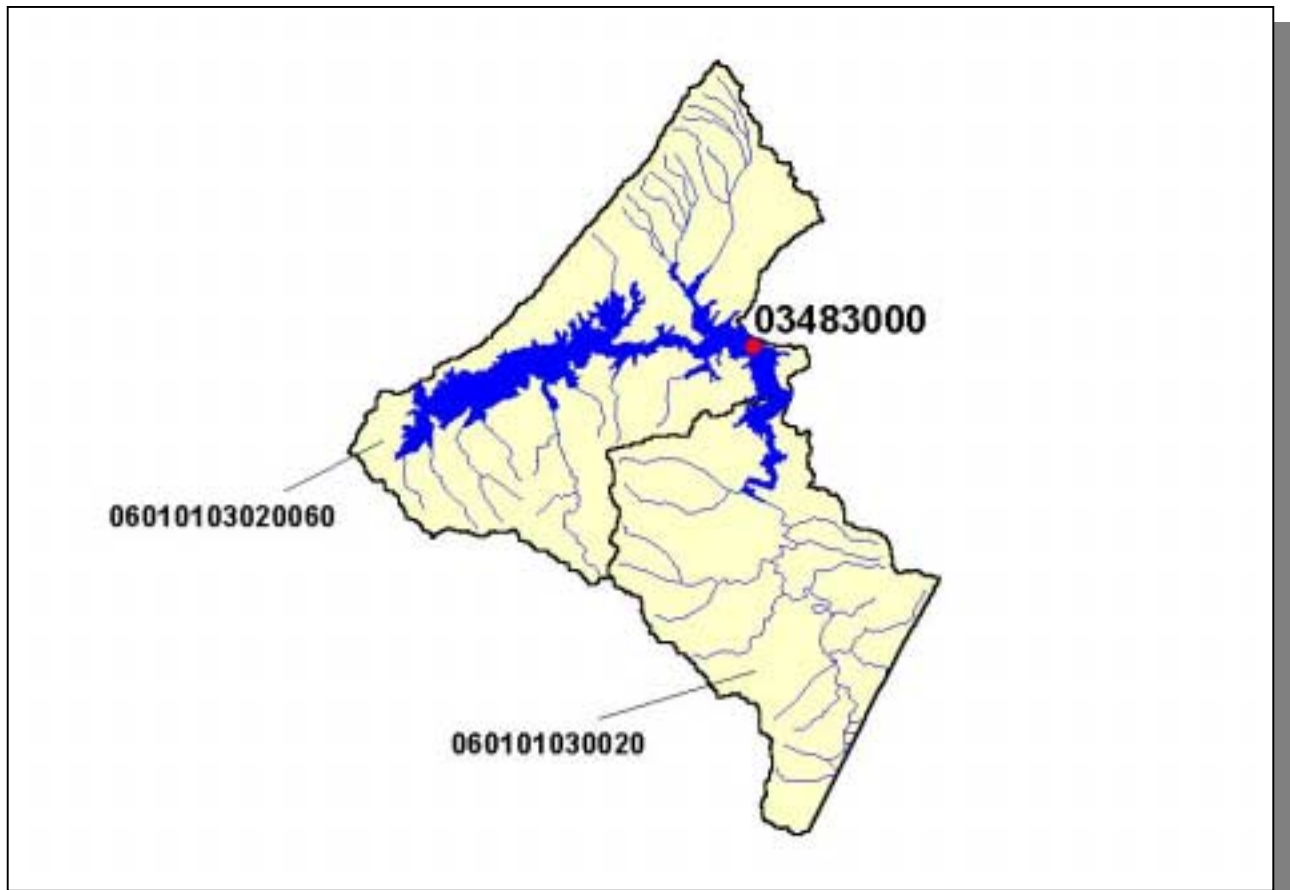


Figure 4-28. Location of Historical Streamflow Data Collection Sites In Subwatershed 06010103070. Subwatershed 06010103020060 and 06010103030020 boundaries are shown for reference. More information is provided in Watauga-Appendix IV.

4.2.E.ii. Point Source Contributions.

No Contributions.

4.2.E.iii. Nonpoint Source Contributions.

LIVESTOCK (COUNTS)					
Beef Cow	Milk Cow	Cattle	Chickens	Hogs	Sheep
287	43	729	<5	<5	8

Table 4-26. Summary of Livestock Count Estimates in Subwatershed 06010103070.
According to the Census of Agriculture, "Cattle" includes heifers, heifer calves, steers, bulls and bull calves.

County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Carter	161.3	155.5	3.4	12.4
Johnson	144.4	144.4	0.6	2.2
Totals	305.7	299.9	4.0	14.6

Table 4-27. Forest Acreage and Annual Removal Rates (1987-1994) in Subwatershed 06010103070.

CROPS	TONS/ACRE/YEAR
Non Agricultural Land Use	0.00
Grass (Hayland)	0.30
Grass (Pastureland)	0.42
Grass, Forbs, Legumes (Mixed Pasture)	0.31
Forest Land (Grazed)	0.00
Forest Land (Not Grazed)	0.00
Farmsteads and Ranch Headquarters	0.33
Corn (Row Crops)	4.98
Tobacco (Row Crops)	10.63
Legume Grass (Hayland)	0.34
Other Cropland not Planted	0.12

Table 4-28. Annual Estimated Soil Loss in Subwatershed 06010103070.